To: Marten, Alex[Marten.Alex@epa.gov]

Sent: Wed 7/15/2015 7:33:06 PM

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

So would you agree with the following response?

Ex 5

From: Marten, Alex

Sent: Wednesday, July 15, 2015 3:08 PM

To: Kopits, Elizabeth

Cc: Griffiths, Charles; Wolverton, Ann; Newbold, Steve **Subject:** Re: Social Cost of Carbon Uncertainty/Reliability

#1. Yes and yes



Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

On Jul 15, 2015, at 2:51 PM, Kopits, Elizabeth < Kopits. Elizabeth@epa.gov > wrote:

See below for more back and forth with Chris Miller from FS.

Ex 5



Ex 5

Any thoughts you all have would be much appreciated.

Thanks,

Elizabeth

From: Miller, Chris J -FS [mailto:chrismiller@fs.fed.us]

Sent: Monday, July 13, 2015 7:46 PM

To: Kopits, Elizabeth **Cc:** Schaefers, Julie -FS

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

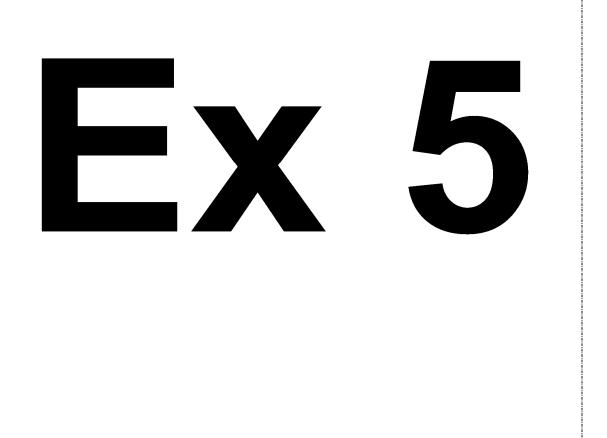
Hi Elizabeth,

Thanks very much for the reply (I was on travel and didn't get a chance to respond to you).

I would indeed like to get access to the full SCC output from all the runs and we can do some 'rank and percentile' calculations. Ex 5

Ex 5

It looks like changes in the revised SCC values are relatively small. Would you know if the revised TSD is going to be available soon so we can reference the new values? Or perhaps we simply rely on the existing 2013 TSD values.



Chris

From: Kopits, Elizabeth [mailto:Kopits.Elizabeth@epa.gov]

Sent: Tuesday, July 07, 2015 1:01 PM To: Miller, Chris J -FS; Griffiths, Charles; Newbold, Steve; Marten, Alex Subject: RE: Social Cost of Carbon Uncertainty/Reliability Hi Chris. I know Charles is swamped today so here are a few quick reactions to your questions below. **Ex 5** 2. Yes, we are aware of last week's minor technical revision to the TSD. The July 2nd OMB blog post (https://www.whitehouse.gov/omb/blog) provides a link to it, as well as a link to the response to comments received through the recent OMB comment solicitation. 3. As for your third question, perhaps it would be easiest to talk through this by phone so we can be sure we understand the context correctly. Perhaps sometime later this week? Let me know when might work for you. Hope this helps for now! Regards, Elizabeth Elizabeth Kopits, Ph.D. National Center for Environmental Economics Office of Policy, US EPA

1200 Pennsylvania Ave, NW, MC 1809T

Washington, DC 20460

(202) 566-2299

From: Miller, Chris J -FS [mailto:chrismiller@fs.fed.us]

Sent: Monday, July 06, 2015 8:53 PM

To: Griffiths, Charles; Newbold, Steve; Kopits, Elizabeth; Marten, Alex

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

Hi Charles.

As follow-up to our phone call about application of SCC values to Forest Service project-level decisions in May, we have a couple questions that you may be able to help us with.

Ex 5

Our Washington office informed us of recent news showing that SCC values have been revised in response to public comment – so we were also wondering if you are aware of any official revision of SCC values (or is the 2013 still appropriate for current analyses).

Ex 5

Ex 5

Thanks again for any suggestions or direction you folks might have,

Chris

To: Silverman, Steven[silverman.steven@epa.gov]

Cc: Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]; Roberts, Martha[Roberts.Martha@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]

From: Marten, Alex

Sent: Mon 6/29/2015 9:12:06 PM

Subject: Re: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Thanks Steve. I am working on a few edits now and will incorporate these suggestions and send around shortly.

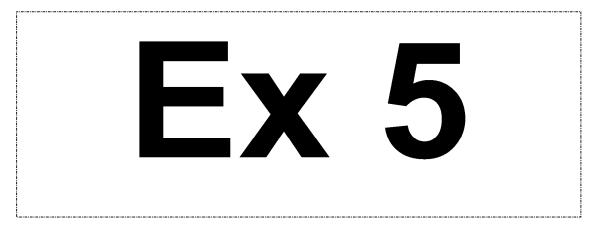
--

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

On Jun 29, 2015, at 5:05 PM, Silverman, Steven < silverman.steven@epa.gov > wrote:



----Original Message----

From: Shouse, Kate

Sent: Monday, June 29, 2015 3:53 PM To: Kopits, Elizabeth; Marten, Alex

Cc: McGartland, Al; Roberts, Martha; Silverman, Steven; Fawcett, Allen

Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Please see attached for suggested language on page 8. Alex, I assume you will also want to take a look, not sure who else we should include before sending this back to OMB. I am heading out of the office in the next 20 minutes or so; won't be able to do much until later this evening.

Steve, I know your time is limited but if you would like to weigh in before we send this back to OMB, please let us know. (Your input is most welcome).

Also, FYI, I disabled the option that erases commenter names. Kate
Original Message From: Kopits, Elizabeth Sent: Monday, June 29, 2015 2:37 PM To: Shouse, Kate; Marten, Alex Cc: McGartland, Al; Roberts, Martha Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB
Hi Kate and Alex,
Here's a start see p. 8. Ex 6 - Other but can continue to help out on iterations remotely. (If you need my input quickly then pls insert the suggested text directly into the body of the email message instead of an attachment.)
Thanks! Elizabeth
Original Message From: Roberts, Martha Sent: Monday, June 29, 2015 1:30 PM To: Kopits, Elizabeth Cc: Shouse, Kate; Marten, Alex; McGartland, Al Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Thanks Elizabeth, happy to help. Do you/Alex/others have 5 minutes to chat on the phone.
Thanks Elizabeth, happy to help. Do you/Alex/others have 5 minutes to chat on the phone now or in the near term to give me some background?
Original Message From: Kopits, Elizabeth Sent: Monday, June 29, 2015 1:29 PM To: Roberts, Martha Cc: Shouse, Kate; Marten, Alex; McGartland, Al Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB
Ex 5
Original Message

From: Kopits, Elizabeth

Sent: Monday, June 29, 2015 1:09 PM

To: Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al

Subject: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Importance: High

Hi Martha,

Would you have time to look at this too and/or chat in the next couple of hours? We are also looping in Kate who is going to ask legal folks in OAR too.

Thanks, Elizabeth

Sent: Monday, June 29, 2015 11:43 AM To: Kopits, Elizabeth; Marten, Alex Subject: FW: SCC Response to Comments

Importance: High

Elizabeth/Alex: A few minor legal comments from DOJ and DOE. One on p 4 is so problem, can you take a look at the one on p 7 and my response and see if you can come up with a paragraph or so by och.

with a paragraph or so by cob. Ex 5

Ex 5

Thx. Jim

----Original Message-----From: Johnson, Katie B.

Sent: Friday, June 26, 2015 6:55 PM

To: Laity, Jim; Mancini, Dominic J.; Shelanski, Howard

Subject: FW: SCC Response to Comments

Importance: High

Attached are edits per earlier conversation. Just minimal - p. 4, & 7. I assume we also have to change everything from June to July as well.

----Original Message-----From: Washington, Geovette

Sent: Friday, June 26, 2015 2:42 PM

To: Johnson, Katie B.

Subject: FW: SCC Response to Comments

Importance: High

Here are Anne's comments. I've not looked at these. Let me know if you want me to.

Also, let me know if you need anything else from me on this.

g.

----Original Message-----

From: Harkavy, Anne [mailto:Anne.Harkavy@Hq.Doe.Gov]

Sent: Thursday, June 25, 2015 2:59 PM

To: Washington, Geovette; Brinkmann, Beth (CIV)

Cc: Croley, Steven

Subject: SCC Response to Comments

Importance: High

Privileged and Confidential

Geovette and Beth -- I've attached the draft version of the Response to Comments I received

from Katie.

Ex 5

Best,

Anne

Anne Harkavy

Deputy General Counsel for Litigation, Regulation and Enforcement U.S. Department of Energy

1000 Independence Ave., SW Washington, DC 20585

(202) 287-6240

anne.harkavy@hq.doe.gov

From: Marten, Alex Mon 6/29/2015 6:41:31 PM Sent: Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Kate, does this mean you are taking the pen know? Alex L. Marten phone: (202) 566-2301 email: marten.alex@epa.gov ----Original Message----From: Shouse, Kate Sent: Monday, June 29, 2015 2:40 PM To: Kopits, Elizabeth; Marten, Alex Cc: McGartland, Al; Roberts, Martha Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Thanks, Elizabeth, will do. Ex 5 Will start with your draft and circulate to others. Ex 6 - Other Kafe ----Original Message----From: Kopits, Elizabeth Sent: Monday, June 29, 2015 2:37 PM To: Shouse, Kate; Marten, Alex Cc: McGartland, Al; Roberts, Martha Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Hi Kate and Alex, Here's a start -- see p. 8. Ex 6 - Other but can continue to help out on iterations remotely. (If you need my input quickly then pls insert the suggested text directly into the body of the email message instead of an attachment.) Thanks! Elizabeth ----Original Message-----From: Roberts, Martha Sent: Monday, June 29, 2015 1:30 PM To: Kopits, Elizabeth Cc: Shouse, Kate; Marten, Alex; McGartland, Al Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Thanks Elizabeth, happy to help. Do you/Alex/others have 5 minutes to chat on the phone now or in the near term to give me some background? ----Original Message----

Shouse, Kate[Shouse.Kate@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov] McGartland, Al[McGartland.Al@epa.gov]; Roberts, Martha[Roberts.Martha@epa.gov]

To:

Cc:

From: Kopits, Elizabeth

Sent: Monday, June 29, 2015 1:29 PM

To: Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al

Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Ex 5

----Original Message----From: Kopits, Elizabeth

Sent: Monday, June 29, 2015 1:09 PM

To: Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al

Subject: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Importance: High

Hi Martha,

Would you have time to look at this too and/or chat in the next couple of hours? We are also looping in Kate who is going to ask legal folks in OAR too.

Thanks, Elizabeth

----Original Message-----

From: Laity, Jim [mailto: EOP email/phone

Sent: Monday, June 29, 2015 11:43 AM To: Kopits, Elizabeth; Marten, Alex

Subject: FW: SCC Response to Comments

Importance: High

Elizabeth/Alex: A few minor legal comments from DOJ and DOE. One on p 4 is so problem, can you take a look at the one on p 7 and my response and see if you can come up with a paragraph or so by Ex 5

cob.

Thx. Jim

----Original Message----From: Johnson, Katie B.

Sent: Friday, June 26, 2015 6:55 PM

To: Laity, Jim; Mancini, Dominic J.; Shelanski, Howard

Subject: FW: SCC Response to Comments

Importance: High

Attached are edits per earlier conversation. Just minimal - p. 4, & 7. I assume we also have to change everything from June to July as well.

----Original Message----From: Washington, Geovette

Sent: Friday, June 26, 2015 2:42 PM

To: Johnson, Katie B.

Subject: FW: SCC Response to Comments

Importance: High

Here are Anne's comments. I've not looked at these. Let me know if you want me to.

Also, let me know if you need anything else from me on this.

g.

----Original Message-----

From: Harkavy, Anne [mailto:Anne.Harkavy@Hq.Doe.Gov]

Sent: Thursday, June 25, 2015 2:59 PM

To: Washington, Geovette; Brinkmann, Beth (CIV)

Cc: Croley, Steven

Subject: SCC Response to Comments

Importance: High

Privileged and Confidential

Geovette and Beth -- I've attached the draft version of the Response to Comments I received from Katie.

Ex 5

Best, Anne

Anne Harkavy
Deputy General Counsel for Litigation, Regulation and Enforcement U.S. Department of Energy 1000 Independence Ave., SW
Washington, DC 20585
(202) 287-6240
anne.harkavy@hq.doe.gov

To: Marten, Alex[Marten.Alex@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Evans, DavidA

Sent: Wed 7/15/2015 9:55:40 PM

Subject: FW: Social Cost of Carbon Uncertainty/Reliability

Thanks. I'm on this.

d

From: Miller, Chris J -FS [mailto:chrismiller@fs.fed.us]

Sent: Wednesday, July 15, 2015 3:18 PM

To: Kopits, Elizabeth; Marten, Alex; Evans, DavidA

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

Hello David and Alex,



Thank you,
Chris
Chris Miller, Ph.D.
Economist
USDA Forest Service
National Forest Systems/NEPA Services
Salt Lake City, UT
chrismiller@fs.fed.us

801-389-2500

From: Shouse, Kate Mon 6/29/2015 6:40:28 PM Sent: Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Thanks, Elizabeth, will do. i Ex 5 Ex 5 Will start with your draft and circulate to others. Ex 6 - Other Kate ----Original Message----From: Kopits, Elizabeth Sent: Monday, June 29, 2015 2:37 PM To: Shouse, Kate; Marten, Alex Cc: McGartland, Al; Roberts, Martha Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Hi Kate and Alex. Here's a start -- see Ex 5 Ex 6 - Other Ex 6 - Other (If you need my input quickly then pls insert the suggested text directly into the body of the email message instead of an attachment.) Thanks! Elizabeth ----Original Message----From: Roberts, Martha Sent: Monday, June 29, 2015 1:30 PM To: Kopits, Elizabeth Cc: Shouse, Kate; Marten, Alex; McGartland, Al Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB Thanks Elizabeth, happy to help. Do you/Alex/others have 5 minutes to chat on the phone now or in the near term to give me some background? ----Original Message----From: Kopits, Elizabeth Sent: Monday, June 29, 2015 1:29 PM To: Roberts, Martha Cc: Shouse, Kate; Marten, Alex; McGartland, Al Subject: RE: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB P.S. Attached are the 2 comment letters that are cited in the paragraph in question. Rubber Manufacturers Assn. discuss APA - see p. 3. Fertilizer Institute discuss 1981 court decision - see p. 22. ----Original Message-----

Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Marten, Alex[Marten.Alex@epa.gov] McGartland, Al[McGartland.Al@epa.gov]; Roberts, Martha[Roberts.Martha@epa.gov]

To:

Cc:

From: Kopits, Elizabeth

Sent: Monday, June 29, 2015 1:09 PM

To: Roberts, Martha

Cc: Shouse, Kate; Marten, Alex; McGartland, Al

Subject: SCC - DOJ/DOE comments on RTC; need to get back to OMB by COB

Importance: High

Hi Martha,

Would you have time to look at this too and/or chat in the next couple of hours? We are also looping in Kate who is going to ask legal folks in OAR too.

Thanks, Elizabeth

----Original Message----

From: Laity, Jim [mailto:James_A._Laity@omb.eop.gov]

Sent: Monday, June 29, 2015 11:43 AM To: Kopits, Elizabeth; Marten, Alex

Subject: FW: SCC Response to Comments

Importance: High

Ex 5

----Original Message-----From: Johnson, Katie B.

Sent: Friday, June 26, 2015 6:55 PM

To: Laity, Jim; Mancini, Dominic J.; Shelanski, Howard

Subject: FW: SCC Response to Comments

Importance: High

Attached are edits per earlier conversation.

Ex 5

Ex 5

----Original Message----

From: Washington, Geovette

Sent: Friday, June 26, 2015 2:42 PM

To: Johnson, Katie B.

Subject: FW: SCC Response to Comments

Importance: High

Here are Anne's comments. I've not looked at these. Let me know if you want me to.

Also, let me know if you need anything else from me on this.

g.

----Original Message-----

From: Harkavy, Anne [mailto:Anne.Harkavy@Hq.Doe.Gov]

Sent: Thursday, June 25, 2015 2:59 PM

To: Washington, Geovette; Brinkmann, Beth (CIV)

Cc: Croley, Steven

Subject: SCC Response to Comments

Importance: High

Privileged and Confidential

Ex 5

Best, Anne

Anne Harkavy
Deputy General Counsel for Litigation, Regulation and Enforcement U.S. Department of Energy 1000 Independence Ave., SW
Washington, DC 20585
(202) 287-6240
anne.harkavy@hq.doe.gov

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Shouse, Kate

Sent: Thur 5/21/2015 1:03:58 PM

Subject: RE: Air Benefits (OW ELG rule analysis)

Ex 5

Ex 5

From: Kopits, Elizabeth

Sent: Thursday, May 21, 2015 8:52 AM

To: Shouse, Kate

Subject: RE: Air Benefits (OW ELG rule analysis)

Ok, good to know. Thanks. I haven't had a chance to read through what you sent, and probably won't get to these today either but if there is something in particular you think I should look at soon let me know. ©

From: Shouse, Kate

Sent: Thursday, May 21, 2015 8:41 AM

To: Kopits, Elizabeth

Subject: FW: Air Benefits (OW ELG rule analysis)

FYI, Amy Lamson sent OAR comments on the OW ELG rule to NCEE. The files with my initials are the same ones I sent to you earlier this week.

From: Lamson, Amy

Sent: Wednesday, May 20, 2015 5:37 PM

To: Walsh, Patrick

Cc: Massey, Matt; Dockins, Chris; Simon, Nathalie; Shouse, Kate; Hubbell, Bryan; Pekar,

Zachary; Krieger, Jackie; Kurlansky, Ellen; McGartland, Al; Koerber, Mike

Subject: RE: Air Benefits (OW ELG rule analysis)

Hi, Patrick,

Ex 5

Thank you! Amy Lamson Risk and Benefits Group U.S. EPA - Office of Air Quality Planning and Standards Research Triangle Park, NC (919) 541-4383 From: Walsh, Patrick Sent: Tuesday, May 19, 2015 10:13 AM To: Lamson, Amy Cc: Massey, Matt **Subject:** RE: Air Benefits (OW ELG rule analysis) Ok, we are in regular contact with Ron and James in OW, so would be happy to serve as a conduit. Patrick Patrick Walsh, Ph.D.

Economist

US EPA National Center for Environmental Economics

202-566-0315

From: Lamson, Amy

Sent: Tuesday, May 19, 2015 10:11 AM

To: Walsh, Patrick

Subject: RE: Air Benefits (OW ELG rule analysis)

Thank you! I	Ex 5	
	Ex 5	

Amy Lamson

Risk and Benefits Group

U.S. EPA - Office of Air Quality Planning and Standards

Research Triangle Park, NC

(919) 541-4383

From: Walsh, Patrick

Sent: Tuesday, May 19, 2015 10:07 AM

To: Lamson, Amy

Subject: RE: Air Benefits (OW ELG rule analysis)

Here you go!

Patrick

Patrick Walsh, Ph.D.

Economist

US EPA National Center for Environmental Economics

202-566-0315

From: Lamson, Amy

Sent: Tuesday, May 19, 2015 10:02 AM

To: Walsh, Patrick

Subject: RE: Air Benefits (OW ELG rule analysis)

Do you also have a copy of their environmental assessment? Ex 5

Ex 5

Thank you!

Amy Lamson

Risk and Benefits Group

U.S. EPA - Office of Air Quality Planning and Standards

Research Triangle Park, NC

(919) 541-4383

From: Walsh, Patrick

Sent: Friday, May 15, 2015 10:57 AM

To: Lamson, Amy; Massey, Matt; Dockins, Chris

Cc: Fann, Neal

Subject: RE: Air Benefits (OW ELG rule analysis)

Here is the current BCA.

Patrick

Thanks for touching base.	Ex	5	
Amy,			
From: Walsh, Patrick Sent: Friday, May 15, 2015 To: Lamson, Amy; Massey Cc: Fann, Neal Subject: RE: Air Benefits (, Matt; Dockins, Chris		
(919) 541-4383			
Research Triangle Park, No	C		
U.S. EPA - Office of Air Qu	ality Planning and Standards		
Risk and Benefits Group			
Amy Lamson			
	Ex 5		ل
Do you have a version that Neal may have sent them of	you could share with me? I'm no	ot familiar with any previous text that Ex 5	}
Cc: Fann, Neal Subject: RE: Air Benefits (
From: Lamson, Amy Sent: Friday, May 15, 2015 To: Walsh, Patrick; Massey			
202-566-0315			
US EPA National Center fo	r Environmental Economics		
Economist			
Patrick Walsh, Ph.D.			

Ex 5

Best.

Patrick

Patrick Walsh, Ph.D.

Economist

US EPA National Center for Environmental Economics

202-566-0315

From: Lamson, Amy

Sent: Friday, May 15, 2015 9:14 AM

To: Massey, Matt; Dockins, Chris; Walsh, Patrick

Cc: Fann, Neal

Subject: RE: Air Benefits (OW ELG rule analysis)

Ex 5

Ex 5

Thank you!

Amy Lamson

Risk and Benefits Group

U.S. EPA - Office of Air Quality Planning and Standards

Research Triangle Park, NC

(919) 541-4383

From: Fann, Neal

Sent: Thursday, April 30, 2015 8:27 AM

To: Massey, Matt; Dockins, Chris; Walsh, Patrick

Cc: Lamson, Amy

Subject: RE: Air Benefits (OW ELG rule analysis)

Thanks Matt and Chris,



Let us know what you all think.

-Neal

From: Massey, Matt

Sent: Wednesday, April 29, 2015 2:11 PM
To: Dockins, Chris; Fann, Neal; Walsh, Patrick
Subject: Re: Air Benefits (OW ELG rule analysis)

The FAR documents came out Monday and we are still working out way through them.

Matt

From: Dockins, Chris

Sent: Wednesday, April 29, 2015 1:27 PM

To: Fann, Neal; Walsh, Patrick; Massey, Matt **Subject:** RE: Air Benefits (OW ELG rule analysis)

I'm not reviewing this rule so I'm not sure. Matt and Patrick can provide the latest on this?

Thank you,

- C

From: Fann, Neal

Sent: Wednesday, April 29, 2015 9:49 AM

To: Dockins, Chris

Subject: RE: Air Benefits (OW ELG rule analysis)

Chris—have you already compiled comments on this RIA?

From: Dockins, Chris

Sent: Friday, April 10, 2015 2:29 PM

To: Fann, Neal

Subject: FW: Air Benefits (OW ELG rule analysis)

Hi Neal -

Ex 5

Ex 5

Best,

- C

From: Covington, James

Sent: Wednesday, April 08, 2015 12:21 PM **To:** Dockins, Chris; Walsh, Patrick; Massey, Matt

Cc: Jordan, Ronald; Matuszko, Jan

Subject: Air Benefits

Hello Gentlemen,

Based on the meeting we had with Air and OP on March 11, I wanted to share my Air Related Benefits section with OAR before FAR. I am not sure who I should send it to but figured you all would have a better idea.

If you have any questions, please call.

Thanks

To: O'Connell, MaryEllen[moconnell@nas.edu] Hodson, Elke[Elke.Hodson@Hq.Doe.Gov]; Linn, Joshua[EOP email/phone Cc: Marten, Alex[Marten.Alex@epa.gov]; Torrusio, Michele[Michele.Torrusio@Hq.Doe.Gov]; Pineau, Marisa Gerstein[MGPineau@nas.edu] From: Kopits, Elizabeth Wed 6/24/2015 11:35:01 PM Sent: Subject: Re: NAS/SCC conference call? I can make any time before 4pm work. After 4:30 would be much more difficult. Thanks, Elizabeth Sent from my iPhone On Jun 24, 2015, at 7:29 PM, "O'Connell, Mary Ellen" < moconnell@nas.edu> wrote: I could be available 10:15-11:30 or at 4:30. Also adding Marisa to see if she can join. Sent from my iPhone On Jun 24, 2015, at 5:10 PM, Hodson, Elke <<u>Elke.Hodson@Hq.Doe.Gov</u>> wrote: Unfortunately, I am out on Friday already. I can make any time tomorrow work except 12-1 and 2:30-3 From: Linn, Joshua [EOP email/phone Sent: Wednesday, June 24, 2015 4:44 PM To: O'Connell, MaryEllen; Hodson, Elke; Kopits, Elizabeth; Marten, Alex; Torrusio, Michele Subject: NAS/SCC conference call?

It would be great if we can set up a call to discuss a few things related to the proposal. Here are the things I know about, but there may be others:

--Suggestions for staff and committee members

Edits/comments on summary and background sections
Wording of phase 1
Phase 1 schedule
Setting up launch meeting
For dates/times, please let me know as soon as possible which of the following would work:
Thursday (6/25)
10:15-1:30
4:30-5
After 6
Friday (6/26)
9-10
After 1:30

From: Ferris, Ann

Location: Al's conference room

Importance: Normal

Subject: Interagency review: DOI's stream protection rule RIA

Start Date/Time: Fri 4/24/2015 2:00:00 PM End Date/Time: Fri 4/24/2015 4:00:00 PM

2015 04 20 DRAFT NCEE Comments Dol Stream Protection Rule.docx 2015 04 08 co2 benefits of stream protection rule.pdf

See, attached, our draft comments.

From: McGartland, Al

Location: Al's Conf. Room

Importance: Normal

Subject: Briefing on RIA for DOI Stream Protection Rule - Ann Ferris

Start Date/Time: Mon 4/13/2015 6:00:00 PM **End Date/Time:** Mon 4/13/2015 7:30:00 PM

DRAFT Outline for NCEE Comments DOI stream protection.docx

DRAFT Comments targeting employment impacts DOI stream protection.docx

2015 04 08 co2 benefits of stream protection rule.pdf

Two draft documents for discussion will be forthcoming this afternoon. Thanks

To: Snyder, Brett[Snyder.Brett@epa.gov]; Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Kok,

Nancy[Kok.Nancy@epa.gov]

Cc: Levitt, Shelley[Levitt.Shelley@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]

From: Harvey, Alecia

Sent: Tue 5/19/2015 3:18:23 PM

Subject: RE: an updated SOW to help ensure nonseverability of services from DOE in the NAS/NRC

contracted reports

Ex 5

----Original Message-----

From: Snyder, Brett

Sent: Tuesday, May 19, 2015 11:15 AM

To: Kopits, Elizabeth; Harvey, Alecia; Kok, Nancy

Cc: Levitt, Shelley; Marten, Alex

Subject: RE: an updated SOW to help ensure nonseverability of services from DOE in the NAS/NRC

contracted reports

Hi - yes, I think that having made changes on the signature page, that we need new pen-and-ink signatures from both organizations.

Ex 5

Thanks,

Brett 566-2261

----Original Message-----From: Kopits, Elizabeth

Sent: Tuesday, May 19, 2015 11:08 AM To: Snyder, Brett; Harvey, Alecia; Kok, Nancy

Cc: Levitt, Shelley; Marten, Alex

Subject: RE: an updated SOW to help ensure nonseverability of services from DOE in the NAS/NRC

contracted reports

Thanks, Brett. Does this mean we need DOE and Al to resign?



Thanks, Elizabeth

----Original Message-----From: Snyder, Brett

Sent: Tuesday, May 19, 2015 10:46 AM

To: Harvey, Alecia; Kok, Nancy Cc: Levitt, Shelley; Kopits, Elizabeth

Subject: FW: an updated SOW to help ensure nonseverability of services from DOE in the NAS/NRC

contracted reports

Good news.....

With changes in SOW, makes clearer what we are pursuing with the DOE interagency agreement, and what we and DOE need to accomplish.

Thanks,

Brett 566-2261

----Original Message-----From: Feldman, Richard

Sent: Tuesday, May 19, 2015 10:39 AM

To: Snyder, Brett Cc: Liem, Lucille

Subject: FW: Illustration intended to help us to better understand relationship between Period of Availability of Appropriated Funds within Interagency Agreement (funds-out) in development

Brett



Richard Feldman

Assistant General Counsel and Claims Officer Civil Rights and Finance Law Office Office of General Counsel U.S. EPA

(o) 202-564-5434 (f) 202-564-5432

----Original Message-----

From: Snyder, Brett

Sent: Tuesday, May 19, 2015 9:44 AM To: Feldman, Richard; Liem, Lucille Cc: Kok, Nancy; Harvey, Alecia

Subject: FW: Illustration intended to help us to better understand relationship between Period of Availability of Appropriated Funds within Interagency Agreement (funds-out) in development

Hi Richard and Lucille:

Please find attached our most current version of the SOW, reflecting some additional input provide by our contacts at the Department of Energy.

Lucille commented on an earlier draft of the document we circulated last week.

Thank you for your continued assistance.

Brett Snyder USEPA, NCEE 566-2261

----Original Message----

From: Feldman, Richard

Sent: Tuesday, May 19, 2015 6:58 AM

To: Snyder, Brett Cc: Liem, Lucille

Subject: FW: Illustration intended to help us to better understand relationship between Period of Availability of Appropriated Funds within Interagency Agreement (funds-out) in development

Brett



Richard Feldman

Assistant General Counsel and Claims Officer Civil Rights and Finance Law Office Office of General Counsel U.S. EPA

(o) 202-564-5434 (f) 202-564-5432

----Original Message-----From: Feldman, Richard

Sent: Monday, May 18, 2015 1:02 PM

To: Feldman, Richard

Subject: FW: Illustration intended to help us to better understand relationship between Period of Availability of Appropriated Funds within Interagency Agreement (funds-out) in development

From: Snyder, Brett

Sent: Thursday, May 14, 2015 10:10 AM

To: Feldman, Richard; Harvey, Alecia; Kok, Nancy

Cc: Smith, Leon

Subject: Illustration intended to help us to better understand relationship between Period of Availability of

Appropriated Funds within Interagency Agreement (funds-out) in development

Hi Richard:

We greatly appreciated the useful information and handouts delivered at the recent webinar hosted on legal aspects of Interagency Agreements.



Ex 5

Thank you for your consideration.

Brett Snyder USEPA, NCEE 202-566-2261 To: Marten, Alex[Marten.Alex@epa.gov]

From: Roberts, Martha

Sent: Tue 5/12/2015 2:29:17 PM **Subject:** FW: case 14-60535

[Untitled].pdf

----Original Message-----From: Silverman, Steven

Sent: Tuesday, May 12, 2015 10:26 AM

To: Roberts, Martha

Subject: FW: case 14-60535

----Original Message-----From: Silverman, Steven

Sent: Friday, May 08, 2015 12:06 PM

To: Shouse, Kate Cc: Simons, Andrew

Subject: FW: case 14-60535

----Original Message-----From: Silverman, Steven

Sent: Wednesday, April 29, 2015 12:07 PM

To: Kulschinsky, Edward Cc: Schmidt, Lorie; Zenick, Elliott Subject: FW: case 14-60535

Ed,

Attached is incoming brief raising DQA issues with regard to social cost of carbon as used (purportedly) to support a DOE energy efficiency std. Could you look at this, and it is possible we will be talking w DOE/DOJ about the case in next week or so (altho I believe an extension to file respondent brief is being sought)

----Original Message----

From: EZTech_Printer [mailto:EZTek@epa.gov] Sent: Wednesday, April 29, 2015 11:55 AM

To: Silverman, Steven Subject: case 14-60535

Please open the attached document. This document was digitally sent to you using an HP Digital Sending device.

To: Hewitt, Julie[Hewitt.Julie@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]; Jenkins, Robin[Jenkins.Robin@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Shadbegian, Ron[Shadbegian.Ron@epa.gov]
From: Ferris, Ann
Sent: Mon 4/20/2015 7:35:22 PM
Subject: draft comments on DOI stream protection rule
2015 04 20 DRAFT NCEE Comments DoI Stream Protection Rule.docx

Hi Julie,

It was great to see you earlier today.

I've attached our draft, very preliminary, comments on DOI's stream protection rule. We'd appreciate your thoughts.

If you have other suggestions or comments on the RIA, such as something on water quality benefits?, please let us know. We can try to coordinate before sending along to OMB. I'm not entirely sure, but I think that OP is coordinating technical comments on the RIA, and OW is in charge of technical comments on the preamble and rule.

I've asked Glynis Hill (OP), who I believe is helping to coordinate our comments so that we can submit them to OMB on Friday, if she's heard more specific info for a briefing on the RIA. I'll let you know as soon as we hear, so you can hopefully fit it into your schedule, as well.

Thanks,

Ann

Ann Ferris
U.S. Environmental Protection Agency
National Center for Environmental Economics
(202) 564-3207

To: Marten, Alex[Marten.Alex@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]; Kopits,

Elizabeth[Kopits.Elizabeth@epa.gov]

Cc: Klemick, Heather[Klemick.Heather@epa.gov]

From: Li, Jia

Sent: Wed 1/7/2015 4:31:55 PM
Subject: RE: HD2 preamble: SCC edits

Hi Kate:

Thanks so much for getting on top of the HD2 preamble and for checking the SCC text carefully. I also support your judgment. We did go back and forth about the global justification right around the time you were coming back and decided to leave it out, following other recent preambles. I will be OK to have more details on Marten et al. estimates, given this is the first time they are used in analysis and EPA intends to use for main BCA in the future.

I think it would be useful to have some communication with NHTSA to have better understanding where they were coming from and to provide more background on the recent developments of social cost of GHGs, even though we don't necessarily need to negotiate the text. The OTAQ response and strategy are still up in the air, and hopefully we will find out more soon.

Thanks!

Jia

From: Marten, Alex

Sent: Tuesday, January 06, 2015 12:37 PM

To: Shouse, Kate; Kopits, Elizabeth

Cc: Klemick, Heather; Li, Jia

Subject: RE: HD2 preamble: SCC edits

As long as all of the relevant information is in the RIA I don't have a strong preference for how much is included in the preamble. Kate, I will defer to your judgement on this.

_ _

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Tuesday, January 06, 2015 12:33 PM

To: Kopits, Elizabeth

Cc: Klemick, Heather; Marten, Alex; Li, Jia **Subject:** RE: HD2 preamble: SCC edits

Hi, everyone. Based on Elizabeth's concern about level of detail in the preamble (less) and the RIA (more), am reversing my suggestions on global justification and Marten et al. Please let me know what you think, happy to discuss if easier. Specifically:

- (1) Global justification: we haven't elaborated on the global justification in recent preambles but placed that language in the RIA. The preamble does note that these are "global" estimates of the SCC. NHTSA wanted to include the justification in the preamble but in reading it this morning, it seems unnecessary to provide the rationale in both preamble and RIA. Sorry for the back and forth, I think this was also debated right as I came back to work.
- (2) Marten et al elaboration (few sentences spelling out the aggregation method and adjustments to radiative efficiency): I've gone back and forth about whether to include this in both preamble and RIA (per NHTSA's suggestion). I think we can simplify and keep those few sentences out of the preamble but I don't feel strongly about it. Keeping that detail in the preamble means the RIA is almost the same (just more numbers in the RIA tables). I understand the preference to keep the preamble more summary level but I also think it's nice to provide some detail in the preamble when we're requesting comments. We provided that level of detail (and then some) in the Oil and Gas preamble but recent preambles (LD2017) did not. For what it's worth, the level of detail in other impact sections of the HD2 preamble vary seems to be a lot on recent rebound lit but less on the human health impacts.

From: Kopits, Elizabeth

Sent: Monday, January 05, 2015 4:19 PM

To: Shouse, Kate

Cc: Klemick, Heather; Marten, Alex; Li, Jia **Subject:** Re: HD2 preamble: SCC edits

Sorry I think our emails crossed

Sent from my iPhone

On Jan 5, 2015, at 4:16 PM, "Shouse, Kate" < Shouse.Kate@epa.gov > wrote:

Thanks, Heather, no need to pass them along (I've shared with Ken Davidson), I am going to update OTAQ's master file too. Just need to run through again and compare level of detail in SCC section to level of detail in other preamble sections (per Elizabeth's comment last week).

Thanks, all, for reviewing and commenting.

Thanks, Kate

From: Klemick, Heather

Sent: Monday, January 05, 2015 4:12 PM

To: Marten, Alex; Shouse, Kate; Kopits, Elizabeth

Cc: Li, Jia

Subject: RE: HD2 preamble: SCC edits

The edits also look good to me. I will go ahead and pass them along to OTAQ unless anyone else still needs a chance to weigh in (or unless Kate has already done so).

Thanks,

Heather

From: Marten, Alex

Sent: Monday, January 05, 2015 2:50 PM

To: Shouse, Kate; Kopits, Elizabeth; Klemick, Heather

Cc: Li, Jia

Subject: RE: HD2 preamble: SCC edits

Thanks Kate. I agree $\mbox{w/}$ all of your suggested responses, including the two you specifically call out in your email.

- -

Alex L. Marten

phone: (202) 566-2301

email: marten.alex@epa.gov

From: Shouse, Kate

Sent: Wednesday, December 31, 2014 10:38 AM **To:** Kopits, Elizabeth; Marten, Alex; Klemick, Heather

Cc: Li, Jia

Subject: HD2 preamble: SCC edits

Hi, everyone. NHTSA sent edits/comments on the SCC section of the HD2 preamble right before the holiday. There wasn't enough time to incorporate comments in the package that went to the workgroup so OTAQ plans to deal with the comments after the holiday. Jia and I went through the SCC comments, though, so that we can be ready to move once OTAQ is ready to respond. We've recommended rejecting most of the edits/comments but did think it would be worthwhile to add a little detail back in regarding use of global values (pg 49) and Marten et al (pg 54); I've used the language from the latest version of the HD2 RIA. See attached file, pages 48 to 56, for OAP's suggested response to each NHTSA edit and let me know if you have concerns. Unless otherwise noted, the redline edits are from NHTSA.

Also, NHTSA sent RIA files back to EPA but I don't see any redline in the economics chapter. Some of the text looks different and I suspect they accidentally sent us a clean version of their edits. Will see if they have a redline version to share instead.

Thanks and happy new year!

Summary of NHTSA's comments on the HD2 preamble (I think you all had the gist of this but as a reminder):

(1) NHTSA deleted the entire section on the GWP-approach; I disagree with

NHTSA's reasoning and feel strongly that we include it in the preamble. [NHTSA says we should delete because it sounds like we don't think GWP approach is a good idea.]

- (2) NHTSA did not delete the section on directly modeled nonCO2 estimates but did delete the estimated nonCO2 (CH4, N2O) benefit tables. Suggest we retain those estimates, would be consistent with past preambles.
- (3) NHTSA deleted the paragraph about additional nonCO2 GHG co-benefits (e.g., human health effects from tropospheric ozone; no explanation given. Will retain this paragraph.
- (4) NHTSA deleted the CO2 benefit numbers without any explanation. We've presented those benefits in the preamble section in past rulemakings (e.g., HD rule phase 1) albeit for fewer years than presented in Phase 2. Will retain those tables.

To: Evans, DavidA[Evans.DavidA@epa.gov]

From: Marten, Alex

Sent: Wed 7/15/2015 9:57:14 PM

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

thanks

- -

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

From: Evans, DavidA

Sent: Wednesday, July 15, 2015 5:56 PM

To: Marten, Alex; Kopits, Elizabeth

Subject: FW: Social Cost of Carbon Uncertainty/Reliability

Thanks. I'm on this.

d

From: Miller, Chris J -FS [mailto:chrismiller@fs.fed.us]

Sent: Wednesday, July 15, 2015 3:18 PM

To: Kopits, Elizabeth; Marten, Alex; Evans, DavidA

Subject: RE: Social Cost of Carbon Uncertainty/Reliability

Hello David and Alex,

Ex 5

Ex 5

If you can help us with these questions, or know who we can contact – that would be wonderful.

Thank you,

Chris

Chris Miller, Ph.D.

Economist

USDA Forest Service

National Forest Systems/NEPA Services

Salt Lake City, UT

chrismiller@fs.fed.us

801-389-2500

To: Roberts, Martha[Roberts.Martha@epa.gov]

Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]

From: Marten, Alex

Sent: Mon 5/11/2015 6:17:11 PM

Subject: RE: Litigation challenging Social Cost of Carbon value -- IQA issues

I have not, but I would like one. If you get a copy from Steve I will just make a copy of that. Thanks.

- -

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

From: Roberts, Martha

Sent: Monday, May 11, 2015 2:16 PM

To: Marten, Alex

Subject: FW: Litigation challenging Social Cost of Carbon value -- IQA issues

Did you/are you going to get a copy? If not I'll ask Steve for one – would like to take a look.

Thanks,

M

From: Barron, Alex

Sent: Friday, May 08, 2015 10:27 AM

To: Marten, Alex Cc: Roberts, Martha

Subject: Re: Litigation challenging Social Cost of Carbon value -- IQA issues

Steve has hard copies. Since I gave him two, you could ask for one or a copy of one.

Sent from my iPhone

On May 8, 2015, at 10:14 AM, Marten, Alex < Marten. Alex@epa.gov > wrote:

Let us now if there is anything we can do to help.

Do you happen to have a copy of the briefs filed by the Chamber et al.?

- -

Alex L. Marten

phone: (202) 566-2301 email: marten.alex@epa.gov

From: Barron, Alex

Sent: Friday, May 08, 2015 9:45 AM

To: Marten, Alex; Kopits, Elizabeth; Roberts, Martha; McGartland, Al

Cc: Gunning, Paul

Subject: Fwd: Litigation challenging Social Cost of Carbon value -- IQA issues

Sent from my iPhone

Begin forwarded message:

From: "Silverman, Steven" < silverman.steven@epa.gov>

Date: May 8, 2015 at 9:41:17 AM EDT

To: "Simons, Andrew" < <u>Simons.Andrew@epa.gov</u>>

Cc: "Barron, Alex" <Barron.Alex@epa.gov>

Subject: RE: Litigation challenging Social Cost of Carbon value -- IQA issues

I spoke w Beth Brinkman from DOJ Civil Division who is handling these cases. Gvt brief in 7th Cir is due June 25. 5th Cir case has been put into mediation.

From: Simons, Andrew

Sent: Thursday, May 07, 2015 8:26 PM

To: Silverman, Steven

Subject: Fwd: Litigation challenging Social Cost of Carbon value -- IQA issues

Steve:

I haven't had a chance to look at this but it may be interesting to see how the IQA issue has been briefed.

Andy

Andrew Simons

Assistant General Counsel for Regulatory Issues

Office of General Counsel

U.S. Environmental Protection Agency

(202) 564-3649

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Begin forwarded message:

From: "Siciliano, CarolAnn" < Siciliano.CarolAnn@epa.gov>
To: "Simons, Andrew" < Simons.Andrew@epa.gov>, "Kulschinsky, Edward" < Kulschinsky.Edward@epa.gov>

Subject: FW: Litigation challenging Social Cost of Carbon value -- IQA issues

FYI for now, but probably worth following.

Carol Ann Siciliano

Associate General Counsel

Cross-Cutting Issues Law Office

Office of General Counsel

U.S. Environmental Protection Agency

(202) 564-5489

siciliano.carolann@epa.gov

From: Blake, Wendy

Sent: Tuesday, April 21, 2015 4:27 PM

To: Siciliano, CarolAnn

Subject: Fw: Litigation challenging Social Cost of Carbon value

Doesn't CCILO handle information quality act claims?

From: Byron, H. Thomas (CIV) < H. Thomas . Byron@usdoj.gov>

Sent: Tuesday, April 21, 2015 4:24 PM

To: Paul.Geier@dot.gov; Peter.Plocki@dot.gov; Siciliano, CarolAnn; Blake,

Wendy; Steven D. Aitken@omb.eop.gov; Hitter, Thomas E.

(Thomas E. Hitter@omb.eop.gov)

Cc: Foster, Sydney (CIV); Raab, Michael (CIV); Cohen, Daniel

(Daniel.Cohen@hq.doe.gov)

Subject: Litigation challenging Social Cost of Carbon value

Some industry groups, joined by the Chamber of Commerce and National Association of Manufacturers as amici, have brought a case in the Fifth Circuit, challenging a DOE rule that established energy conservation standards for walkin coolers and freezers. I've attached the opening and amicus briefs for your reference. This issue is addressed at pp.45-49 of petitioners' brief, and throughout the amicus brief, and is couched principally as an argument that DOE failed to satisfy the Information Quality Act.

Because I have worked with you in the past on these issues, I thought it would be helpful to keep you in the loop on this case. Please let us know if you have any thoughts about the issue. If there are other agencies, or others in your agency, who should also be involved, please let me know.

My colleague Sydney Foster (copied here) is handling this case with me. I'm also copying Dan Cohen, who is a good contact at DOE if you have any questions or need more information.

Thanks,

Tom

H. Thomas Byron III

Appeals Counsel

Civil Division, Appellate Staff

U.S. Department of Justice

Main (RFK) Room 7260

950 Pennsylvania Avenue, N.W.

Washington, D.C. 20530

Ph: (202) 616-5367

Fx: (202) 514-8151

H.Thomas.Byron@usdoj.gov

From: McGartland, Al

Location: EEOB 359 (Bradford Conference Room)

Importance: Normal

Subject: FW: SCC Interagency Working Group Meeting Feb 6, 11am-12pm, EEOB 359

Start Date/Time: Fri 2/6/2015 4:00:00 PM **End Date/Time:** Fri 2/6/2015 5:00:00 PM

Hi. I'm not sure how Josh came up with this list. We are checking it now to see if key people were left off from various agencies. We can discuss EPA's contingent early next week (Joel is at a conference today). Though Alex B is around if you all want to discuss this sooner. I didn't look closely but I didn't seeyou on this list, Allen. I suspect only Alex Marten and I will attend from NCEE. Unless they don't care about numbers.

----Original Appointment---
From: Linn, Joshua

EOP email/phone

Sent: Thursday, January 29, 2015 7:11 PM

To: Linn, Joshua; Marten, Alex; Sarofim, Marcus; Mignone, Bryan; pduffy@usgcrp.gov; Schwab, Margo; Kopits, Elizabeth; Wolverton, Ann; Newbold, Steve; Li, Jia; Shouse, Kate; Johansson, Robert - OCE; Thomas, Amanda; Griffiths, Charles; Elke.Hodson@hq.doe.gov;

Arthur.Rypinski@dot.gov; Mancini, Dominic J.; Duke, Rick; EOP email/phone

Holdren, John P.; Utech, Dan G.; McConville, Drew; McGartland, Al; Barron, Alex; Gunning, Paul; SHelper@doc.gov; PFeather@oce.usda.gov; William.Hohenstein@usda.gov; james_anderson@ios.doi.gov; aevia@blm.gov; Simon, Bob; Jencks, Fae; Higgins, Cortney; jonathan.pershing@hq.doe.gov; Laity, Jim; Obstfeld, Maurice; Shelanski, Howard; Goldstein, Jeff; Himel, Sam

Subject: SCC Interagency Working Group Meeting Feb 6, 11am-12pm, EEOB 359

When: Friday, February 06, 2015 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: EEOB 359 (Bradford Conference Room)

Dear members of the SCC Interagency Working Group:

We will have a meeting for all working group members from **11am-12pm** on **February 6**, in **EEOB 359** (the Bradford Conference Room, enter through the CEA main office). There will be two major topics on the agenda:

- 1. Response to public comments
- 2. Peer review of the SCC

We are extremely thankful to the members of the sub-groups who read and summarized the public comments, and particularly to Elizabeth Kopits for her leadership in pulling together the subgroups and melding the responses into a coherent document. Based on the summaries we received from the sub-groups a small team has drafted a response to the comments. The draft will be circulated to the working group--hopefully prior to the meeting, but otherwise at the meeting. The meeting will provide a chance to discuss major concerns or questions about the draft; following the meeting, all working group members will have a chance to carefully read and comment on the draft.

We will also discuss plans to request the National Academy of Sciences to conduct a peer-review

of the SCC. The peer review will focus on how best to keep the SCC estimates up-to-date given scientific and economic research progress.

We are still figuring out how best to inform the public of our progress and plans. In the meantime it is very important that no documents or plans be leaked. Please help us maintain the integrity of this process and the space to continue with the good technical work you have all done. We look forward to seeing everyone next week.

Finally, please submit WAVES requests to Jeff Goldstein **EOP email/phone**

Best,

Jim Laity and Josh Linn